UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO.   : 6,897,462 B2
DATED   : May 24, 2005
INVENTOR(S) : Toru Kawaguchi

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 21,
Line 8, "comprising;" should read -- comprising: --.
Line 32, "beam; having" should read -- beam having --.
Line 56, "ppm/k." should read -- ppm/K. --.

Column 22,
Line 19, "between a the detection" should read -- between a detection --.
Line 25, "has" should read -- have --.
Line 35, "protecting" should read -- projecting --.
Line 36, "substrate," should read -- substrate; --.

Column 23,
Line 17, "protected" should read -- projected --.
Line 21, "right" should read -- light --.

Column 24,
Line 23, "system." should read -- system, --.
Line 30, "beam;" should read -- beam --.
Line 37, "and, propagated" should read -- and propagated --.
Line 44, "transmitted." should read -- transmitted, --.
Line 47, "45°." should read -- 45°, --.
Line 67, "of light-receiving" should read -- of the light-receiving --.

Column 25,
Line 8, "between a the detection" should read -- between a detection --.
Line 12, "has" should read -- have --.

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Column 26,
Line 1, "light receiving" should read -- light-receiving --.
Line 2, "reflecting" should read -- reflected --.
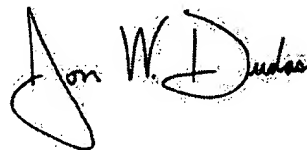Line 3, "substrate," should read -- substrate; --.
Line 11, "out" should read -- output --.
Lines 13-14, "between a the detection" should read -- between a detection --.
Line 18, "has" should read -- have --.

Signed and Sealed this

Twenty-seventh Day of September, 2005

JON W. DUDAS
Director of the United States Patent and Trademark Office